



INFORMATION DISCLOSURE STATEMENT

APPLICANT: Dehesh, K. & Val, D.

DOCKET #15597/01/US

SERIAL NO. 09/591,279

FILING DATE: June 9, 2000

Exam.  
Initial

Reference Provided

PUBLICATIONS

- DJS Moche, M. et al. "Structure of the Complex between the Antibiotic Cerulenin and Its Target,  $\beta$ -Ketoacyl-Acyl Carrier Protein Synthase" The Journal of Biological Chemistry, 274(10): 6031-6034, (1999) \*enclosed
- DJS Weijun, H. et al. "Crystal structure of  $\beta$ -ketoacyl-acyl carrier protein synthase II from E.coli reveals the molecular architecture of condensing enzymes" The EMBO, 17(5): 1183-1191, (1998) \*enclosed
- DJS Val, D. et al. "Re-engineering ketoacyl synthase specificity" Structure, 8(6): 565-566, (2000) \*enclosed
- DJS Edwards, P. et al. "Cloning of the *fabF* gene in an expression vector and in vitro characterization of recombinant *fabF* and *fabB* encoded enzymes from *Escherichia coli*" FEBS Letters, 402: 62-66, (1997) \*enclosed

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DATE CONSIDERED

1/3/01

EXAMINER: Applicant requests that a copy of this form be included with the next communication to the Applicant.

FORM PTO-1449  
INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.

16516.117

APPLICATION NO.

09/591,279

APPLICANTS

Katayoon Dehesh, et al.

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June 9, 2000

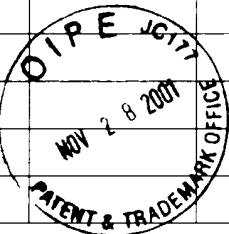
GROUP

1652

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA1						
	AB1						
	AC1						
	AD1						
	AE1						



## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
DJS	AF1	WO 98/46776	October 22, 1998	PCT	—	—	Yes No
DJS	AG1	WO 96/36719	21 Nov. 1996	PCT	—	—	Yes No
	AH1						Yes No
	AI1						Yes No
	AJ1						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

DJS	AK	<u>1</u>	International Search Report for International Application No. PCT/US00/16151, (mailed January 24, 2001)				
DJS	AL	<u>1</u>	Structure of the Complex between the Antibiotic Cerulenin and Its Target, $\beta$ -Kketoacyl-Acyl Carrier Protein Synthase; M. Moche, et al.; The Journal of Biological Chemistry, Vol. 274, No. 10, pp. 6031-6034, (March 5, 1999);				
DJS	AM	<u>1</u>	A Cuphea $\beta$ -ketoacyl-ACP synthase shifts the synthesis of fatty acids towards shorter chains in Arabidopsis seeds expressing Cuphea FatB thioesterases; Jeffrey M. Leonard, et al.; The Plant Journal (1998) 13(5) pp. 621-628, (1998);				
DJS	AN	<u>1</u>	KAS IV: a 3-ketoacyl-ACP synthase from Cuphea sp. is a medium chain specific condensing enzyme; Katayoon Dehesh, et al.; The Plant Journal 15(3), pp. 383-390, (1998);				
DJS	AO	<u>1</u>	Cloning of the fabF gene in an expression vector and in vitro characterization of recombinant fabF and fabB encoded enzymes from Escherichia coli; Patricia Edwards, et al.; FEBS Letters 402 pp. 62-66, (1997);				

EXAMINER

DATE CONSIDERED

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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA2					
	AB2					
	AC2					
	AD2					
	AE2					

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AF2					Yes No
	AG2					Yes No
	AH2					Yes No
	AI2					Yes No
	AJ2					Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>DJS</i>	AK	<u>2</u>	Conversion of a $\beta$ -Ketoacyl Synthase to a Malonyl Decarboxylase by Replacement of the Active-Site Cysteine with Glutamine; Andrzej Witkowski, et al.; Biochemistry 38, pp. 11643-11650, (August 18, 1999)
<i>DJS</i>	AL	<u>2</u>	Reaction mechanism of recombinant 3-oxoacyl-(acyl-carrier-protein) synthase III from Cuphea wrightii embryo, a fatty acid synthase type II condensing enzyme; Amine Abbadi, et al.; Blochem J. 345, pp. 153-160 (2000)
	AM	<u>2</u>	
	AN	<u>2</u>	
	AO	<u>2</u>	

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